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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/40992

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A01H 5/00; C12N 5/04 US CL : 800/281, 298 According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 800/281, 298					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Sequence databases, WEST, DIALOG					
C. DOC	UMENTS CONSIDERED TO BE RELEVANT				
Category *	Citation of document, with indication, where ap	opropriate, of the relevant passages	Relevant to claim No.		
X	WO 98/54954 A1 (CARGILL, INCORPORATED) the abstract, pages 12-16 and 22-25.	10 December 1998 (10.12.98), see	1-8		
			•		
			<u> </u>		
Further	documents are listed in the continuation of Box C.	See patent family annex.			
ľ	pecial categories of cited documents: defining the general state of the art which is not considered to be	"T" later document published after the inte date and not in conflict with the applie principle or theory underlying the inve	cation but cited to understand the		
ì	olar relevance oplication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be consider when the document is taken alone	claimed invention cannot be ured to involve an inventive step		
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the considered to involve an inventive stement with one or more other suc	p when the document is a documents, such combination		
O" document	referring to an oral disclosure, use, exhibition or other means	being obvious to a person skilled in th			
"P" document published prior to the international filing date but later than the priority date claimed		"it" document member of the same patent			
Date of the actual completion of the international search		Date of mailing of the international search report 18 JUN 2004			
Name and mailing address of the ISA/US Authorized officer Authorized officer					
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Elizabeth F. McElwain			
P.C	nmissioner for Patenis D. Box 1450 xandria, Virginia 22313-1450	Telephone No. 703-308-0196			
Facsimile No. (703) 305-3230					
Form PCT/ISA/210 (second sheet) (July 1998)					

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/40992

Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)			
This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:			
1. Claim Nos.: because they relate to subject matter not required to be searched by this Authority, namely:			
2. Claim Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:			
3. Claim Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).			
Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)			
This International Searching Authority found multiple inventions in this international application, as follows: Please See Continuation Sheet			
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.			
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite			
payment of any additional fee. 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:			
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-8			
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.			

INTERNATIONAL SEARCH REPORT	PCT/US03/40992			
BOX II. OBSERVATIONS WHERE UNITY OF INVENTION IS LACT This application contains the following inventions or groups of inventions which inventive concept under PCT Rule 13.1. In order for all inventions to be examine be paid.	are not so linked as to form a single general aed, the appropriate additional examination fees must			
Group I, claim(s) 1-8, drawn to a transgenic plant transformed with DNA encoding SEQ ID NO: 2, and a method of producing oil and a high oil phenotype in said plant.				
Group II, claim(s) 9-11, drawn to a method of generating a plant with a high oil phenotype by identifying a plant having an HIO102 gene that results in increased oil content, and further requires QTL or TILLING methodology.				
The inventions listed as Groups I and II do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: Group I requires an isolated DNA encoding the amino acid sequence of SEQ ID NO: 2, which is not required by Group II. In addition, the methods of Group I and II require different method steps and result in different products and are of different scope with regard to alleles of HIO102, wherein Group II is not limited to a plant having in it's genome DNA that encodes an amino acid sequence of SEQ ID NO: 2.				